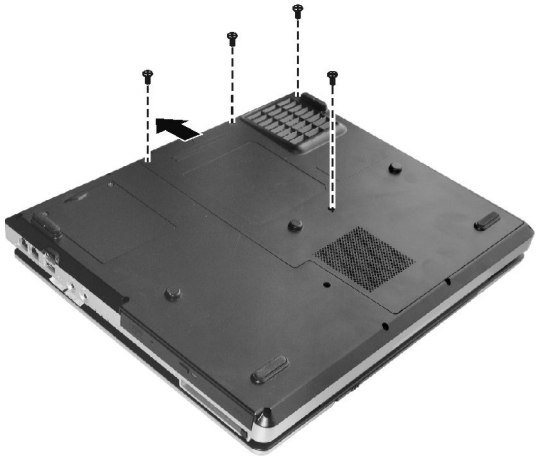
8599 Configuration Guide

This Configuration Guide provides information on installing/replacing the field-installable parts.

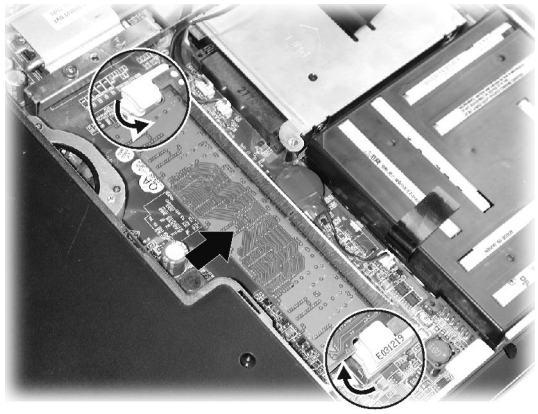
NOTE: *Before you start to install/replace these modules, make sure the notebook computer is not turned on or connected to AC power.*

■ Expanding Memory

1. Carefully place the notebook computer upside down.
2. Remove the four screws and slide the compartment cover outwards to detach it.



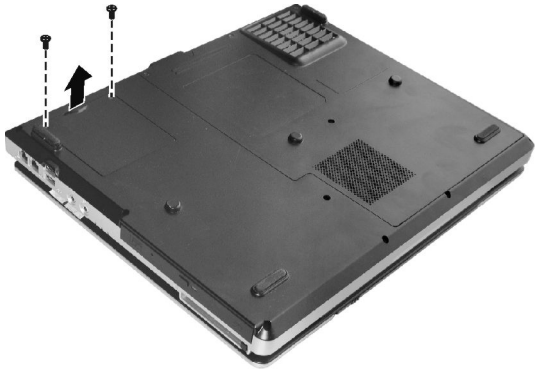
3. To install the SO-DIMM, match the SO-DIMM's notched part with the socket's projected part and firmly insert the SO-DIMM horizontally into the socket. Then push in until the retaining clips to lock the SO-DIMM into position.



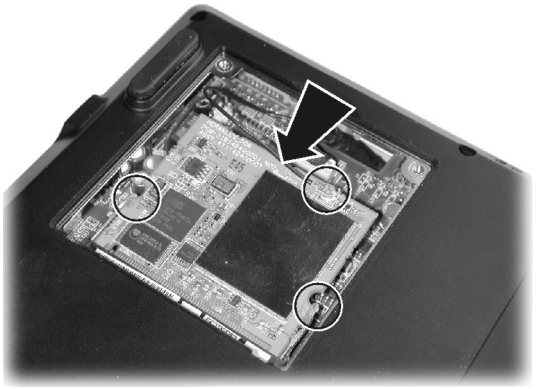
4. Replace the compartment cover and secure with four screws.

■ Installing the Mini PCI Card

1. Carefully place the notebook computer upside down.
2. Remove the two screws to detach the cover of the Mini PCI socket.



3. To install the Mini PCI card, match the notched part of the Mini PCI card with the socket's projected part, and firmly insert the Mini PCI card into the socket at a 20-degree angle. Then push down until the retaining clips lock the Mini PCI card into position.
4. Connect the antenna cable to the "M" (Master) antenna connector on the Mini PCI card.

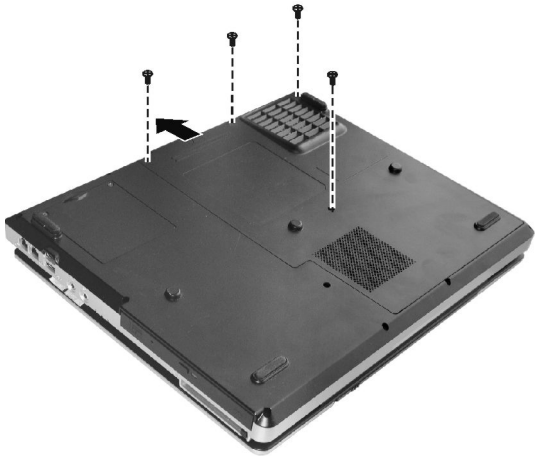


5. Replace the socket cover and secure with two screws.

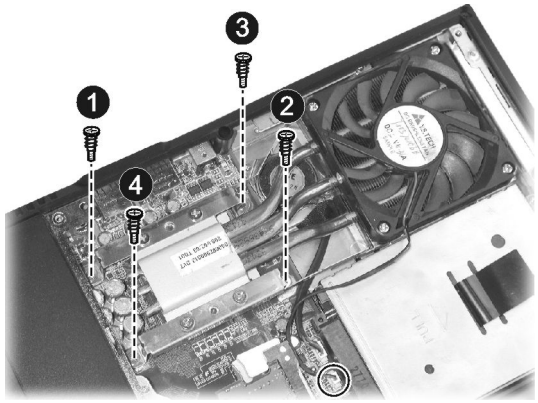
NOTE: *Your Mini PCI card may differ from the one shown above.*

■ Installing the CPU

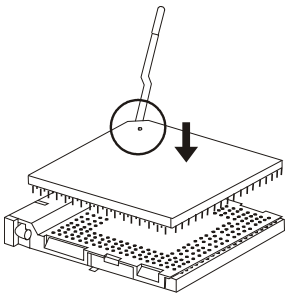
1. Carefully place the notebook computer upside down.
2. Remove the four screws securing the compartment cover and slide it off to access the heatsink.



3. Remove the four screws securing the heatsink and remove the heatsink by placing it aside. There is no need to disconnect the fan's power cord from the system board. Note that you should unfasten the screws in this sequence:
   ❶ partially-unscrew → ❷ fully-remove → ❶ fully-remove → ❸ partially-unscrew → ❹ fully-remove → ❸ fully-remove.



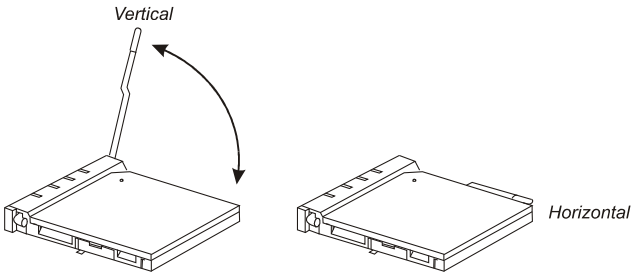
4. Lift the ZIF socket arm up to the vertical position.
5. Align the CPU so its Pin 1 corner (beveled corner) is at the Pin 1 corner of the ZIF socket. Then insert the CPU pins into the corresponding holes in the socket.



NOTE: *Make sure that the CPU's position properly fits into the socket.* ***NEVER*** *use force to insert the CPU into the socket. Otherwise, the pins on the CPU may be bent and damaged.*

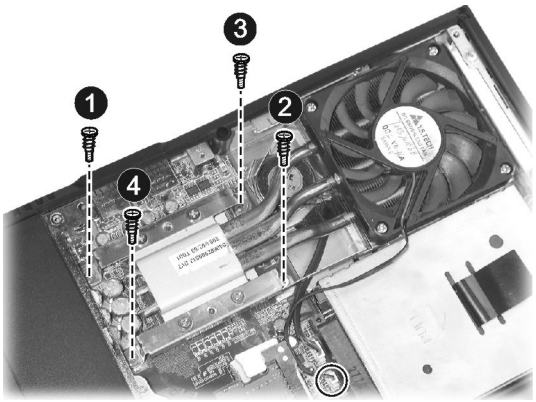
CAUTION: *The maximum force for inserting/extracting the CPU should not exceed 100 lbs (45.5 kg). Otherwise, the circuit inside the CPU board may be damaged.*

6. Press the arm downward to the horizontal position. You will feel some resistance while doing so. This is normal as the pressure starts to secure the CPU in place.



When removing the CPU, lift the arm upward to the vertical position and remove the CPU to free it.

7. Fit the heatsink onto the top of the CPU and secure with four screws, making sure the fan's power cord is connected to the system board. Note that you should tighten the screws in this sequence:
   ❶ partially-tighten → ❷ fully-tighten →
   ❶ fully-tighten → ❸ partially-tighten →
   ❹ fully-tighten → ❸ fully-tighten.

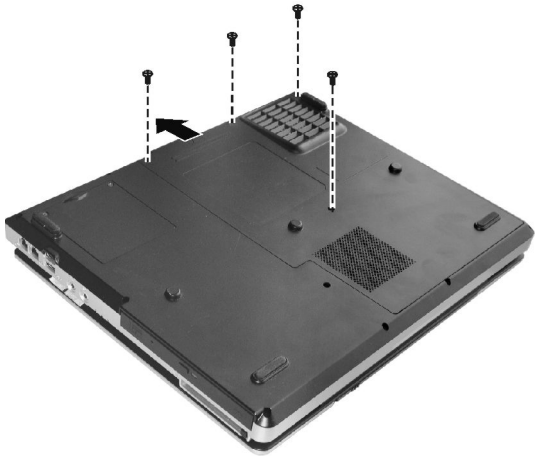


CAUTION: *The maximum force for securing the heatsink screws should not exceed 2.5~3 kg.*

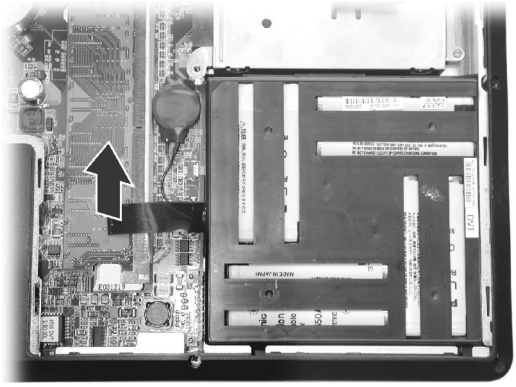
8. Replace the compartment cover and secure with four screws.

■ Replacing the Battery Pack

1. Carefully place the notebook computer upside down.
2. Remove the four screws on the compartment cover and slide it outward to detach it.



3. Lift up the battery pack by pulling up on the ribbon strip.

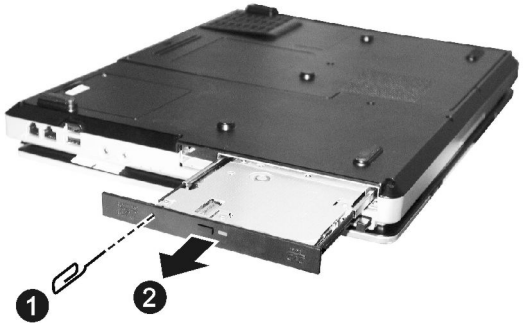


4. To replace the old battery with a new one, insert the battery pack. Then replace the compartment cover and secure with four screws.

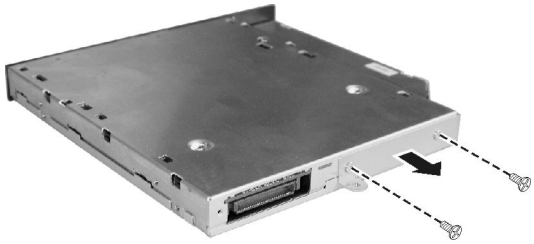
■ Replacing the CD/DVD Drive

1. Carefully place the notebook computer upside down.
2. Remove the one screw locking the CD/DVD drive.

3. Insert a small rod, such as a straightened paperclip into the drive's manual eject hole (❶) and push firmly to release the tray. Pull the tray out until fully extended and continue pulling until the whole CD/DVD drive is out of the compartment (❷).



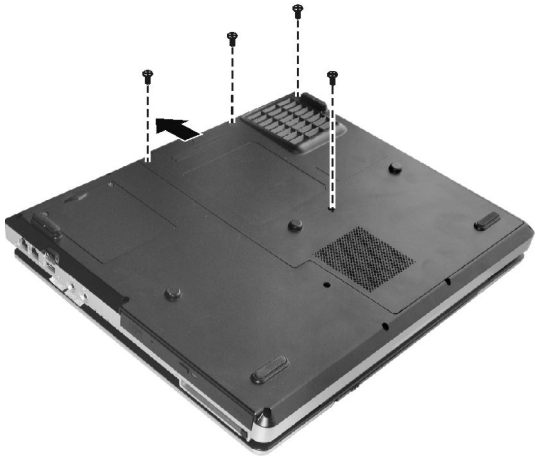
4. Remove the two screws, then separate the bracket from the CD/DVD drive.



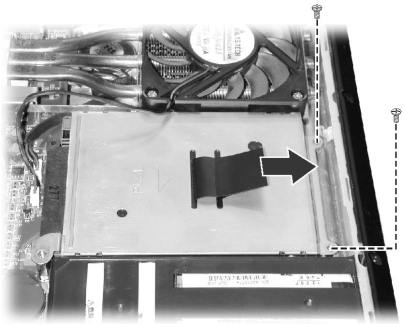
5. To install a new CD/DVD drive, attach the bracket and tighten the two screws.
6. Slide the CD/DVD drive into the compartment until you hear a clicking sound and secure with one screw. The connector on the system board will automatically plug into the rear side of the drive.

■ Replacing the HDD Module

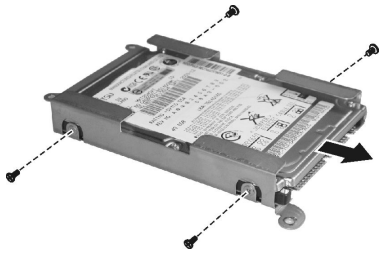
1. Carefully place the notebook computer upside down.
2. Remove the four screws and slide off the compartment cover to access the hard disk drive.



3. Remove the two screws, slightly slide the HDD module outward to detach it from its rear connector and lift the HDD module out of the compartment.



4. Remove the four screws and slide off the hard disk drive to separate it from the metal shield.



5. To install a new hard disk drive, slide it into the metal shield and tighten the four screws.
6. Slide the HDD module into its rear connector in the compartment and secure with two screws.
7. Replace the compartment cover and secure with four screws.